Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

$26° 29'$ west; and as the yearly value of the secular change of the declination is $-6'\cdot06$, the mean declination, in any not very remote future year, will be given by the formula

$$\delta_0 = 26° 29' - 6'\cdot06 \times n;$$

n being the number of years, counted from the present. If greater accuracy be desired, the diurnal and annual variations of the declination, corresponding to the time of the day and of the year, must be added."

The Secretary, on the part of Mr. M. J. Anketell, presented to the Museum of the Academy a man's shoe made of three pieces of thin plate bronze or brass. This shoe, Mr. Anketell states, was found, with about two dozen pair of the same kind, near an old heap of stones in the vicinity of the Giant's Causeway.

"This shoe (A), with another (B) of the same kind, exhibited, was purchased in the year 1831, by Mr. Anketell, from a brazier in Coleraine, who had melted down or worked up all the others found, he not considering them to be of any peculiar value.

"Along with the shoes were found the two small vessels exhibited. They are made apparently of the same materials, but they are differently fabricated, and put together with great care, and are evidently intended for use; while the shoes, on the contrary, are only fastened together so very imperfectly with lead, used as solder, that the least wear, or motion of the foot of a person attempting to walk in them, would break the soles away from the uppers.

"One of the vessels is a cylindrical cup, having the following dimensions, its bottom being slightly convex:

Diameter, ...	1¼ inches.
Depth, ...	3½ ,,

"This cup is brazed, and the edges of the brass plate, at the side, are so cut that they form a sort of continuous mortising, which prevents their being drawn apart, independently of the brazing.

" The other vessel is constructed in the same way. Its shape is very peculiar, and its dimensions are as follow:

Greatest breadth,	about 1 inch.
,, length,	4½ inches.
,, depth,	5 ,,

" The bottom consists of one piece of metal, five and a half inches long, bent, however, unequally to an angle at the greatest depth of the vessel. One side of the angle measures about three and a half, and the other two inches; and the oval ends of the box, to which these are attached, measure severally three and four and a quarter inches.

" The measurements of the shoes are as follow; they may be of use to help parties to compare these with similar shoes found elsewhere in Ireland:

Length,	13¼	inches	in sole.
Breadth,	4½	,,	,,
Height of upper behind,	2½	,,	,,
Height of instep of A,	3¾	,,	,,
Ditto of B	2¾	,,	,,

" The shoes weigh as follow:—A, 9¾ oz., and B, 8 oz. only.

" It has been suggested that these shoes might have been originally intended for the purpose of being put on the feet of deceased persons of rank; but as we know of no body having been found interred with shoes of this kind on it, we can attach but little weight to this suggestion. It has also been suggested that they might have been intended as a measure of capacity for wheat; but as the two shoes (A) and (B) differ materially in their capacity, that notion also appears not to hold good either.

" The above facts and surmises are communicated, in the hope, that the attention of antiquaries may be drawn to the subject, which promises to be of general interest, as I understand that shoes composed of brass or bronze, more or less like those, have been found in other parts of Ireland."

◆

December 9, 1850.

HUMPHREY LLOYD, D. D., President, in the Chair.

The President communicated the following account of the Cyclone of the 19th of November.

" The leading phenomena of revolving storms at a given place are,—1. the veering of the wind through an angle ranging from 0° to 180°, its magnitude depending on the proximity of the centre of the cyclone; 2. the gradual increase and subsequent decrease of its force; 3. the fall and rise of the barometer. All these characters were distinctly exhibited at Dublin on the 18th and 19th of last month. The gale commenced about 12 P. M. of the 18th, and gradually increased in force until 1 or 2 P. M. of the following day, after which it diminished again. Before it commenced, in the afternoon of the 18th, the direction of the wind was singularly variable, shifting rapidly between S. and E. During the greater part of the forenoon of the 19th, it blew from the S.; at noon from S.W.; at 6 P. M. from W.; and between 1 and 2 A. M. of the following day its direction shifted *suddenly* to N.N.W., and it continued between N. and W. the whole of the day. The barometer underwent a corresponding series of changes, the mercury falling rapidly until near noon, and then rising again. The least observed height was 28·290 inches, at 10 A. M.

" I soon after received from Dr. Robinson and Mr. Cooper detailed accounts of the gale, as observed at Armagh and Markree, from which its rotatory character was still more evi-